



PATENT
Docket No.: ACT-390

JFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: 2811

Examiner: Not Yet Assigned

Serial No.: 10/784,903

Filed: February 20, 2004

In re Application of: Issaq et al.

For: REPROGRAMMABLE METAL-TO-METAL ANTIFUSE EMPLOYING
CARBON-CONTAINING ANTIFUSE MATERIAL

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 5/21/04. Signed Krista Thompson
Krista Thompson

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed please find the following:

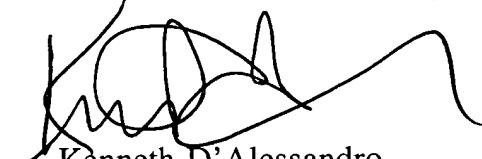
1. Information Disclosure Statement;
2. Form PTO-1449
3. Copies of 9 References.

In the event any additional fee is required for filing the above-noted document, including any fees required under 37 CFR 1.136 for any necessary Extension of Time to make the filing of attached document timely, the Assistant Commissioner is hereby authorized to charge the fee to our Deposit Account No.: 50-0612.

Respectfully submitted,
SIERRA PATENT GROUP, LTD.

Dated: May 21, 2004

Sierra Patent Group, Ltd.
P.O. Box 6149
Stateline, NV 89449
(775) 586-9500



Kenneth D'Alessandro
Reg. No.: 29,144



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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

This Information Disclosure Statement under 37 CFR §§1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

I

This statement is filed pursuant to:

- (X) 37 C.F.R. §1.97(b).

This information disclosure statement is filed either (1) within three months of the filing date of the national applications; (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; or (3) before the mailing date of a first office action on the merits, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

- () 37 C.F.R. §1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. §1.97(b), but before the mailing date of either (1) a final action under 37 C.F.R. §1.113 or (2) a notice of allowance under 37 C.F.R. §1.311.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17 (p) or a statement according to 37 C.F.R. §1.97(e).

- () 37 C.F.R. §1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. §1.97(c) and filed on or before the payment of the issue fee and is accompanied by

- (1) The statement specified in paragraph (e) of this section; and
- (2) The fee set forth in §1.17(p).

Accordingly, this information disclosure statement requires the fee specified in 37 C.F.R. §1.17(p), \$180.00, for submission of an information disclosure statement under 37 C.F.R. §1.97(d).

37 C.F.R. §1.97(e).

- () (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.

- () (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c), more than three months prior to the filing of the statement.

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. §1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

II

(X) No fee is due.

() The fee specified in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under 37 C.F.R. §1.97(c) or 37 C.F.R. § 1.97(d) is enclosed, \$180.00.

In the event any fee is required for filing the above-noted document, including any fees required under 37 CFR 1.136 for any necessary Extension of Time to make the filing attached document timely, the Assistant Commissioner is hereby authorized to charge the fee to our Deposit Account No. 50-0612. A duplicate of this page is enclosed.

Respectfully submitted,
SIERRA PATENT GROUP, LTD.

Dated: May 21, 2004



Kenneth D'Alessandro
Reg. No.: 29,144

Sierra Patent Group, Ltd.
P.O. Box 6149
Stateline, NV 89449
(775) 586-9500
(775) 586-9550 Fax



Form PTO 1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office					Atty. Docket No. ACT-390	Serial No. 10/784,903		
Information Disclosure Statement by Applicant					Applicant: Issaq et al.			
(Use several sheets if necessary)					Filed: February 20, 2004 Group: 2811			
U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
Foreign Documents								
Translation								
Init.		Document No.	Date	Country	Class	Subclass	Yes No	
	1	JP 60-242678 A Eng. Lang. Abst.	05/17/1984	Japan	H01L	29/78		X
	2	EP 0 250 078 A2	12/23/1987	Europe	H01L	23/52		X
	3	WO 92/21154 A1	11/26/1992	PCT (United States)	H01L	45/00		X
	4	JP 06-295991 A Eng. Lang. Abst.	10/21/1994	Japan	H01L	27/10		X
	5	EP 0 671 762 A2	09/13/1995	Europe	H01L	23/525		X
	6	EP 0 671 767 A3	01/21/1998	Europe	H01L	23/525		X
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)								
	1	A. Grill et al., "Diamondlike carbon films by rf plasma-assisted chemical vapor deposition from acetylene", <u>IBM Journal of Research and Development</u> , Vol. 34, No. 6, p. 849, 1990 (no month).						
	2	S. Liu, et al., "A New Metal-to-Metal Antifuse with Amorphous Carbon IEEE Electron Device Letters, Vol. 19, No. 9, pp. 317-319 September, 1998.						
	3	Author Unknown, Toshiba Ceramics, Semiconductor Related Products, Product Data Sheet, 2 pages, 1999						
Examiner					Date Considered			
Examiner: Initial if citation considered, whether or not citation is in conference with MPEP 609; Draw line through citation if not conformance and not considered. Include a copy of this form with the next communication to applicant.								